EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|--|---|---------------------|---------|------------------|
| L1 | 5332 | (charge near (trap or trapping)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:07 |
| L2 | 103 | (charge near (trap or trapping)) with trench | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:07 |
| L3 | 37 | (charge near (trap or trapping)) with trench with gate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:14 |
| L4 | 17077 | (trench or via or opening) same charge same gate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:15 |
| L5 | 8527 | (trench or via or opening) same charge same gate same (source or drain or source/drain or impurity or diffusion or doped or doping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:16 |
| L6 | 592 | (trench or via or opening) same charge same gate same (source or drain or source/drain or impurity or diffusion or doped or doping) same (sidewall or spacer or (side near wall)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:16 |
| L7 | 473 | (trench or via or opening) same charge same gate same (source or drain or source/drain or impurity or diffusion or doped or doping) same (sidewall or spacer or (side near wall)) same (dielectric or insulating or oxide or insulation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:17 |
| L8 | 284 | (charge near5 (accumulation or trap or trapping or accumulate or accumlating or accumulated)) with trench | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:18 |
| L9 | 320 | (charge near5 (accumulation or trap or trapping or accumulate or accumulating or accumulated)) with trench | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:19 |

EAST Search History

| L10 | 104 | (charge near5 (accumulation or trap or trapping or accumulate or accumulating or accumulated)) with trench with gate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:23 |
|-----|-----|---|---|----|----|------------------|
| L11 | 53 | (charge near5 (accumulation or trap or trapping or accumulate or accumulating or accumulated) near2 (layer or film)) with trench with gate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:25 |
| L12 | 27 | ((charge near5 (accumulation or trap or trapping or accumulate or accumulating or accumulated) near2 (layer or film)) same trench same gate) and (ldd or (lightly near doped)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/31 12:27 |

3/31/06 12:28:22 PM